



Fertilizing Soybeans In Rotation Studied

When, How Is Question Before Agronomists

How and when to fertilize soybeans in the rotation is a question that faces hundreds of thousands of American farmers, since the war's demands have so greatly increased the production of this crop.

Agronomists at the Purdue university agricultural experiment station are seeking the answer to this question in a series of experiments that are expected to produce some interesting results.

One of these tests, conducted by R. R. Mulvey, designed to reveal the best place in the rotation to supply supplemental fertilizer to meet requirements for higher crop production, is being conducted on three blocks of land comprising 10 plots each on the university's soils and crops farm.

The present rotation is corn, soybeans and wheat, with sweet clover seeded in the wheat as an intercrop. Before the present experiment was laid out, the land had been in a rotation of corn, wheat and clover for 25 years. All crops had been removed yearly from all plots. On six of the plots to which six tons of manure had been added annually, the corn yield had averaged 55.5 bushels per acre. On four of the plots which had received no treatment, the corn crop averaged 43.5 bushels. Thus the contrasting plots represent two levels of productivity—one of medium and the other of low productivity.

In the current tests, corn on all plots received 100 pounds per acre of 6-12-12 fertilizer near the hill at planting time. Wheat is fertilized with 300 pounds of 3-12-12 at seeding time and is top-dressed with 25 pounds of nitrogen the latter part of March. Because of adequate fertilization of both corn and wheat the intercrop of sweet clover is to be relied on for nitrate. But when ever the clover fails, 80 pounds of nitrogen will be plowed under on all plots.

In addition to the foregoing basic variations of treatment are being tried on particular plots. For instance, 400 pounds of 6-10-20 is applied via the plow sole with 25 pounds of nitrogen the latter part of March on two plots where the soil of a medium productivity level. Similar treatments are applied for soybeans on three additional plots—four hundred pounds of 6-10-20 is top-dressed on wheat in March on two plots—one on low level productivity soil and the other on medium level.

When harvests are completed yearly on the various plots and yield results under the different fertilizer treatments are compared, it is expected that some interesting information will be forthcoming on the most effective means of applying supplemental fertilizer in the rotation.

Electricity on Farms

OUR FARM HOUSES
OUT OF POWER, BECAUSE FARM HOUSES
ARE NOT WIRELESS

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COLORED DOTS

An interesting meeting was held by the Health for Victory Club at the Mount Zion Baptist Church at Stonewall last Sunday at 3:30 P. M. The Mount Zion choir, directed by Mrs. Mattie Trent West, rendered special music. The aims and purposes of the club were given by Mrs. Mozella Price, R. Q. Lawing, president of the club, served as master of ceremony. Rev. P. W. Price delivered the sermon. The offering was lifted by Mrs. Celestine Beasley, secretary, and Mrs. Mildred Dulaney, treasurer. The total amount reported was \$20.75. The next meeting of the club will be held at the Springfield Baptist Church at Agee on the first Sunday in December at 3 P. M.

A large crowd attended the regular preaching service at the Galilee Baptist Church last Sunday.

The following young men of Appomattox will be inducted into the Army next Monday at the Carver high school about the fifteenth of this month. All farmers and young men of the community are invited to attend these classes. The schedule will be announced later.

Mr. Peter Flood, of the U. S. Army spent part of his furlough here with his mother.

Rev. Yates was the Sunday day guest of Mr. and Mrs. G. J. Stephens.

Rev. and Mrs. N. R. Jordan spent the weekend at her home in Buckingham.

Cpl. Ross Coleman, of the U. S. Army was a recent visitor here as the guest of his father.

Sgt. William Corner, of the U. S. Army, spent the weekend here with his mother.

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AN ARMISTICE DAY THOUGHT FOR EVERY AMERICAN

HONOR ROLL

NOV. 11, 1948

Cut & Cord

for every legal boy in service

US VICTORY CAMPAIGN

No boy shall die

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Mass Feeding Project Clicks

Caterer Serves 6,500,000 Meals Every Month to Fed.-all Employees.

WASHINGTON, D. C.—Seven hundred twenty million paper cups of coffee is a lot of coffee in any language, but that's only one item donated by the Welfare and Recreation Association of Public Buildings and Grounds, the world's largest food caterer.

The association, ruled by the attorney general as "a government controlled agency," contracts to prepare and serve meals to federal employees in 59 cafeterias located in government buildings, ranging from the huge Pentagon building down to the Senate office building.

Serving 6,500,000 meals a month in metropolitan Washington, the Welfare and Recreation Association is one of the most delicately organized agencies in the capital.

Largest Users of Paper Cups

The association is the largest single user of paper cups and plates in the world. Last year it used 300,000,000 paper cups, and 101,000,000 paper plates in its mass feeding project.

Some idea of the staggering quantities of food handled this year by the association may be obtained from these figures: 4,000,000 of all kinds of meat, 600,000 pounds of cheese, 2,000,000 pounds of butter, 600,000 pounds of shortening, 60,000 pounds of milk, 126,400 loaves of bread, 8,000,000 pounds of canned fruits and vegetables, 3,000,000 pounds of frozen fruits and vegetables, 200,000 pounds of dried fruits, 4,200,000 pounds of sugar, 340,000 gallons of fresh cream, 240,000 pounds of fresh fish.

The Welfare and Recreation Association, though incorporated in 1926, is the result of an earlier act during the First World War. The contractor at that time, however, failed to meet specifications.

The present organization is headed by Capt. F. W. Hoover, and the elected trustees are all men in responsible government positions.

Bainbridge K. Foster, chief of purchase and supply division, is the man around whom the entire feeding system revolves.

Inspected Daily

Captain Hoover inaugurated the current "health and sanitation program," according to Foster, placing each cafeteria under the management of a college-trained dietitian.

"Army and marine mess halls are exacting in their inspections daily," he said, "because the feeding of the best of the armed forces in the most important to health and morale. Like ourselves, these inspectors are out to prevent epidemics, and virtually insist on food being served in paper cups, containers and dishes are more sanitary, and labor problems, eliminate breakage, are far more convenient, and save space and material."

According to Foster, Washington would today be a "hellhole of disease" were it not for the Welfare and Recreation Association program.

"Restaurants in Washington," he said, "can't even have one of every meal, let alone lunch and breakfast. The hours of labor saved by this service in government buildings alone would total a fabulous sum."

Jim Frank Ranson spent Sunday at home with his mother, Mrs. A. Foster, of Arlington Heights.

Miss Dora Jean Ranson, daughter of Mr. and Mrs. A. Foster, spent Sunday at home with her mother, Mrs. A. Foster, of Arlington Heights.